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(54) Title: METHOD FOR THE TESTING OF MULTIPLE MATERIALS FOR ELECTROCHEMICAL USES

(57) Abstract: An electrochemical cell for testing the electrochemical behaviour of a plurality of materials comprises: a first electrode; a counter-electrode bearing an electrochromic material having a visual or measurable property which changes in a manner proportional to the total charge passed through it; and an electrolyte between and in electrical contact with the first electrode and the counter-electrode; wherein one of the first electrode and the electrolyte comprises a plurality of regions, each region comprising a sample of material to be tested, the regions being, in the case of the first electrode, electrically connected to a common terminal. Such a cell can be used for a "combinatorial chemistry" approach to testing the properties of possible cell components.

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